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Engineering Staff

ENG-M60- 494

10 JUN 1960

OC 9363

Director of Logistics

Director of Communications

Request for New Task Order, Contract RD-161

1. This Office has a requirement for a self-adjusting spectrum filter which will permit shaping of the output wave form by any characteristic (i.e. modulation type, amplitude, signal-to-noise ratio, etc.) of the input signal itself. [redacted] has conceived a technique of continuous frequency-domain-to-time-domain transformation which appears to be applicable to this requirement.

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2. [redacted] was asked to submit a technical proposal and cost analysis providing for a feasibility study to examine the principles and limitations of the frequency-time transformation as applied to the self-adjusting spectrum filter, and the breadboarding of some critical circuits for the specific parameters suggested. This proposal and cost analysis have been reviewed and are considered satisfactory.

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3. It is therefore requested that a new task order be negotiated with [redacted] in accordance with the attached documents. Requisition No. MSB 60-633 indicates that the allotment to be charged for this work is 0179-0010-0000. Funds in the amount of \$28,669.00 have been encumbered for this project. The work under this task will be UNCLASSIFIED, but the association of the contractor with the Agency and this contract shall be classified SECRET. The project engineer is [redacted]

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Attachments:

1. Contractor's letter and price analysis dated 10 May 1960
2. Contractor's proposal
3. Requisition No. MSB 60-633

Distribution:

- Orig. + 1 - Addressee w/attach.
- 1 - R+D Subject File w/o attach.
- 1 - [redacted] w/o attach.
- 1 - OC-SPS w/o attach.
- 1 - OC-A w/o attach.
- 1 - MSB w/o attach.
- 1 - OC-E and EP Chronos w/o attach.

Coordination:

WJS R+D OC-E
 [initials] [initials] [initials]
 OC-SPS OC-A OC-P DD/CO

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